

Title (en)

OPAQUE POLYMERIC FILMS CAVITATED WITH PBT AND POLYCARBONATE

Title (de)

OPAKE KUNSTSTOFFFILME MIT HOHLRÄUMEN DURCH PBT UND POLYCARBONAT ALS KAVITATIONSMITTEL

Title (fr)

FILMS POLYMERES OPAQUES PREPARES AVEC UN AGENT DE CAVITATION COMPRENANT PBT ET UN POLYCARBONATE

Publication

EP 1263584 B1 20031210 (EN)

Application

EP 01906847 A 20010131

Priority

- US 0103228 W 20010131
- US 50060800 A 20000209

Abstract (en)

[origin: WO0158684A1] A method for producing an opaque polymeric film comprises: (a) extruding a base layer comprising a polymeric matrix and at least one cavitating agent; (b) coextruding at least one additional layer on at least one side of the base layer; (c) cooling the coextruded multi-layer film; and then (d) orienting the film in at least the machine direction (MD); wherein at least said base layer contains polybutylene terephthalate (PBT) and polycarbonate.

IPC 1-7

B32B 27/20; **B32B 27/32**; **B32B 27/36**; **B32B 31/30**

IPC 8 full level

B32B 27/18 (2006.01); **B29C 48/08** (2019.01); **B29C 55/02** (2006.01); **B32B 27/20** (2006.01); **B32B 27/32** (2006.01); **B32B 27/36** (2006.01); **B29K 105/28** (2006.01); **B29L 7/00** (2006.01); **B29L 9/00** (2006.01); **B32B 37/15** (2006.01)

CPC (source: EP US)

B29C 48/08 (2019.01 - EP US); **B29C 48/21** (2019.01 - EP US); **B29C 48/307** (2019.01 - EP US); **B32B 27/20** (2013.01 - EP US); **B32B 27/32** (2013.01 - EP US); **B32B 27/36** (2013.01 - EP US); **B32B 37/153** (2013.01 - EP US); **B32B 2038/0028** (2013.01 - EP US); **B32B 2307/41** (2013.01 - EP US); **Y10S 428/91** (2013.01 - EP US); **Y10T 428/249986** (2015.04 - EP US); **Y10T 428/31511** (2015.04 - EP US); **Y10T 428/31786** (2015.04 - EP US); **Y10T 428/31797** (2015.04 - EP US); **Y10T 428/31913** (2015.04 - EP US); **Y10T 428/31938** (2015.04 - EP US)

Cited by

CN102123864A

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 0158684 A1 20010816; AT E256009 T1 20031215; AU 3470701 A 20010820; BR 0107920 A 20021022; CA 2392760 A1 20010816; DE 60101462 D1 20040122; DE 60101462 T2 20041021; EP 1263584 A1 20021211; EP 1263584 B1 20031210; ES 2210129 T3 20040701; JP 2003522053 A 20030722; US 6500533 B1 20021231

DOCDB simple family (application)

US 0103228 W 20010131; AT 01906847 T 20010131; AU 3470701 A 20010131; BR 0107920 A 20010131; CA 2392760 A 20010131; DE 60101462 T 20010131; EP 01906847 A 20010131; ES 01906847 T 20010131; JP 2001558257 A 20010131; US 50060800 A 20000209